

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASTRX-010A	SERIAL NO. 09/776,523
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  <i>[Handwritten signature]</i>		APPLICANT Brad Freeman	
(Use several sheets if necessary)		FILING DATE February 2, 2001	GROUP
(37 CFR 1.98(b))			

**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

**OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)**

**EXAMINER**

Mr. Tamm

**DATE CONSIDERED**

8/11/03

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Atty: Kit M. Stetina  
**STETINA BRUNDA GARRED & BRUCKER**  
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT BRAD FREEMAN, et al.	
(37 CFR 1.98(b))		FILING DATE 2-2-01	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>lf</i>		D	2	6	9	3	7	9	06/1983	Bledsoe			
		D	2	8	4	7	0	2	07/1986	Castillo			
		D	2	9	8	5	6	8	11/1988	Womack			
		D	3	1	8	7	3	6	07/1991	Castillo			
		D	3	4	6	0	2	8	04/1994	Lengel			
		D	3	5	7	0	7	0	04/1995	Castillo			
		<i>lf</i>	1	3	9	0	9	1	09/1921	Loth			
		<i>lf</i>	2	5	3	1	4	8	11/1947	Weber			
		<i>lf</i>	2	8	8	3	9	8	04/1959	Rainey			
		<i>lf</i>	3	0	3	0	6	3	04/1962	Bair			
		<i>lf</i>	3	0	9	9	4	8	07/1963	Salvo et al.			
		<i>lf</i>	3	3	8	7	3	0	06/1968	Shafer			

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		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
<i>lf</i>		2	9	7	7	6	6	A	04/1989	European Pat. Off.					
<i>lf</i>		1	4	9	1	5	6	9	07/1969	Germany					X
<i>lf</i>		2	4	3	2	7	6	6	03/1975	Germany					X
<i>lf</i>		8	4	0	4	2	4	0	11/1984	WIPO					

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EXAMINER

*lf*

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EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WJL	3	6	6	9	1	0	5	06/1972	Castiglia			
WJL	3	7	7	9	6	5	4	12/1973	Horne			
WJL	3	7	8	5	3	7	2	01/1974	Craig			
WJL	3	8	1	7	2	4	4	06/1974	Taylor			
WJL	3	9	0	0	8	9	8	08/1975	Kerman			
WJL	3	9	0	2	4	8	2	09/1975	Taylor			
WJL	3	9	2	8	8	7	2	12/1975	Johnson			
WJL	3	9	5	8	5	6	9	05/1976	Vosburgh			
WJL	4	1	3	6	4	0	4	01/1979	Lange			
WJL	4	1	6	9	4	6	7	10/1979	Rabischong et al.			
WJL	4	2	4	1	7	3	0	12/1980	Helfet			
WJL	4	2	7	1	8	3	1	06/1981	Deibert			

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							YES	NO

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*WJL Meiss*

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PATENTS!

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EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LW	4	3	6	1	1	4	2	11/30/82	Lewis et al.			
LW	4	3	7	2	2	9	8	02/08/83	Lerman			
LW	4	3	8	1	7	6	8	05/03/83	Erickson, et al.			
LW	4	4	0	7	2	7	6	10/04/83	Bledsoe			
LW	4	4	2	8	3	6	9	01/31/84	Peckham et al.			
LW	4	4	8	7	2	0	0	12/11/84	Feanny et al.			
LW	4	4	8	9	7	1	8	12/15/84	Martin			
LW	4	4	9	3	3	1	6	01/15/85	Reed, et al.			
LW	4	4	9	4	5	3	4	01/22/85	Hutson			
LW	4	5	0	3	8	4	6	03/12/85	Martin			
LW	4	5	2	3	5	8	5	06/18/85	Lamb et al.			
WMC	4	5	5	4	9	1	3	11/26/85	Womack et al.			

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EXAMINER *LW* / *WMC* DATE CONSIDERED 8/11/03

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FILING DATE 1.98(b))			

## U.S. PATENT DOCUMENTS

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<i>OIP</i>		4	5	5	9	9	9	8	07/15/88	Castillo			
<i>LW</i>		4	6	0	3	6	9	0	08/05/86	Skeen			
<i>MAY 8 8 2001</i>		4	6	1	4	1	8	1	09/30/86	Karlsson			
<i>JW</i>		4	6	2	0	5	3	2	11/04/86	Houswerth			
<i>JW</i>		4	6	2	1	6	2	4	11/11/86	Rayboy			
<i>JW</i>		4	6	2	8	9	1	6	12/16/86	Lerman et al.			
<i>JW</i>		4	6	6	5	9	0	5	05/19/87	Brown			
<i>JW</i>		4	6	8	1	0	9	7	07/21/87	Pansier			
<i>JW</i>		4	6	9	7	5	8	3	10/06/87	Mason et al.			
<i>JW</i>		4	6	9	9	1	2	9	10/13/87	Aaserude et al.			
<i>JW</i>		4	7	1	5	3	6	3	12/29/87	Detty			
<i>JW</i>		4	7	2	3	5	3	9	02/09/88	Townsend			

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PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT(Use several sheets if necessary)  
(37 CFR 1.98(b))

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APPLICANT BRAD FREEMAN, ET AL.

FILING DATE 2-2-01

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		4	7	5	3	2	4	0	12/20/88	Sparks			
		4	7	9	1	9	1	6	12/20/88	Paez			
		4	8	0	3	9	7	5	02/14/89	Meyers			
		4	8	5	4	3	0	8	08/08/89	Drillio			
		4	8	5	6	5	0	1	08/15/89	Castillo et al.			
		4	8	8	6	0	5	4	12/12/89	Castillo et al.			
		4	9	3	8	2	0	7	07/03/90	Vargo			
		4	9	4	0	0	4	4	07/10/90	Castillo			
		4	9	6	4	4	0	2	Grim et al.	10/23/90			
		4	9	8	6	2	6	4	01/22/91	Miller			
		5	0	6	3	9	1	6	11/12/91	France et al.			
		5	1	2	1	7	4	2	06/16/92	Engen			

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